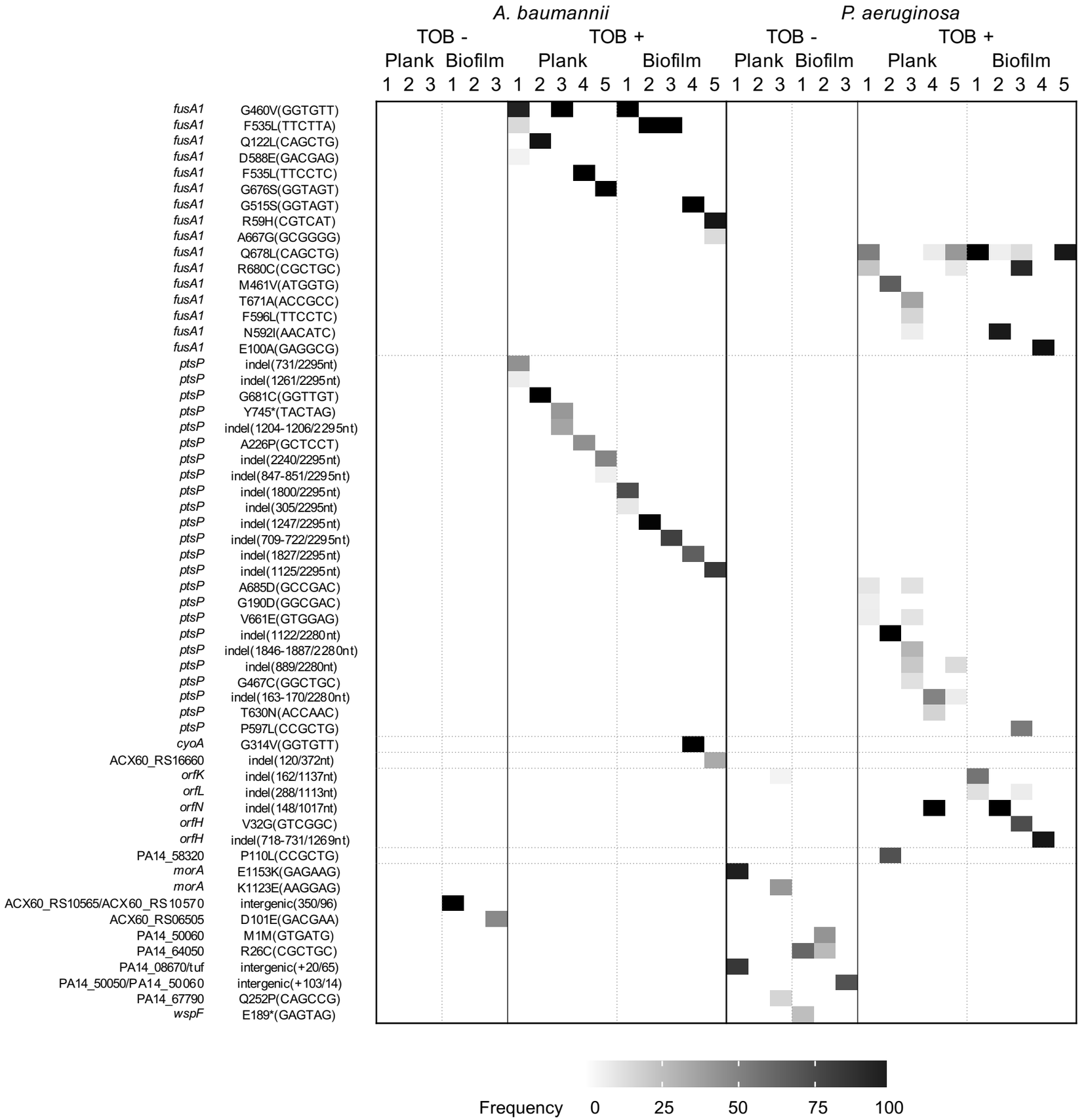
A. baumannii
P. aeruginosa
TOB -
TOB +
TOB -
TOB +
Plank
Biofilm
Plank
Biofilm
Plank
Biofilm
Plank
Biofilm
1 2 3 1 2 3 1 2 3 4 5 1 2 3 4 5 1 2 3 1 2 3 1 2 3 4 5 1 2 3 4 5
fusA1 G460V(GGTGTT)
fusA1 F535L(TTCTTA)
fusA1 Q122L(CAGCTG)
fusA1 D588E(GACGAG)
fusA1 F535L(TTCCTC)
fusA1 G676S(GGTAGT)
fusA1 G515S(GGTAGT)
fusA1 R59H(CGTCAT)
fusA1 A667G(GCGGGG)
fusA1 Q678L(CAGCTG)
fusA1 R680C(CGCTGC)
fusA1 M461V(ATGGTG)
fusA1 T671A(ACCGCC)
fusA1 F596L(TTCCTC)
fusA1 N592I(AACATC)
fusA1 E100A(GAGGCG)
ptsP indel(731/2295nt)
ptsP indel(1261/2295nt)
ptsP G681C(GGTTGT)
ptsP Y745*(TACTAG)
ptsP indel(1204-1206/2295nt)
ptsP A226P(GCTCCT)
ptsP indel(2240/2295nt)
ptsP indel(847-851/2295nt)
ptsP indel(1800/2295nt)
ptsP indel(305/2295nt)
ptsP indel(1247/2295nt)
ptsP indel(709-722/2295nt)
ptsP indel(1827/2295nt)
ptsP indel(1125/2295nt)
ptsP A685D(GCCGAC)
ptsP G190D(GGCGAC)
ptsP V661E(GTGGAG)
ptsP indel(1122/2280nt)
ptsP indel(1846-1887/2280nt)
ptsP indel(889/2280nt)
ptsP G467C(GGCTGC)
ptsP indel(163-170/2280nt)
ptsP T630N(ACCAAC)
ptsP P597L(CCGCTG)
cyoA G314V(GGTGTT)
ACX60_RS16660 indel(120/372nt)
orfK indel(162/1137nt)
orfL indel(288/1113nt)
orfN indel(148/1017nt)
orfH V32G(GTCGGC)
orfH indel(718-731/1269nt)
PA14_58320 P110L(CCGCTG)
morA E1153K(GAGAAG)
morA K1123E(AAGGAG)
ACX60_RS10565/ACX60_RS10570 intergenic(350/96)
ACX60_RS06505 D101E(GACGAA)
PA14_50060 M1M(GTGATG)
PA14_64050 R26C(CGCTGC)
PA14_08670/tuf intergenic(+20/65)
PA14_50050/PA14_50060 intergenic(+103/14)
PA14_67790 Q252P(CAGCCG)
wspF E189*(GAGTAG)
Frequency 0 25 50 75 100